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Selected Publications:

- Flanagan, D.C., J.R. Frankenberger, and J.C. Ascough II. 2012. WEPP: Model use, calibration and validation. *Trans. Am. Soc. Agric. Biol. Eng.* 55 (4): 1463-1477.
- Flanagan, D.C., J.R. Frankenberger, T.A. Cochrane, C.S. Renschler, and W.J. Elliot. 2013. Geospatial application of the Water Erosion Prediction Project (WEPP) model. *Trans. Am. Soc. Agric. Biol. Eng.* 56(2): 591-601.
- Flanagan, D.C., J.C. Ascough II, J.L. Nieber, D. Misra, and K.R. Douglas-Mankin. 2013. Advances in soil erosion research: processes, measurement, and modeling. *Trans. Am. Soc. Agric. Biol. Eng.* 56(2): 455-463.
- Flanagan, D.C. (ed.). 2016. *Proceedings of the 10th International Symposium on Agriculture and the Environment (AgroEnviron 2016)*, Purdue University, West Lafayette, Indiana, May 23-27, 2016. Purdue University Libraries Scholarly Publishing Services, W. Lafayette, IN, 230 pp.
- Wu, Q., D.C. Flanagan, C. Huang, and F. Wu. 2017. Estimation of USLE K-values with a process-based approach. *Trans. Am. Soc. Agric. Biol. Eng.* 60(1): 159-172.
- Wallace, C.W., D.C. Flanagan, and B.A. Engel. 2017. Quantifying the effects of future climate conditions on runoff, sediment, and chemical losses at different watershed sizes. *Trans. Am. Soc. Agric. Biol. Eng.* 60(3): 915-929.
- Wang, S., D.C. Flanagan, B.A. Engel, and N. Zhou. 2020. Impacts of subsurface hydrologic conditions on rill sediment transport capacity. *J. Hydrol.* 591: 125582.
- McGehee, R.P., D.C. Flanagan, and P. Srivastava. 2020. WEPPCLIFF: A command-line tool to process climate inputs for soil loss models. *J. Open Source Softw.* 5(49): 2029.
- Flanagan, D.C., L.E. Wagner, R.M. Cruse, and J.G. Arnold. 2020. Chapter 24. Modeling soil and water conservation. In (Delgado, J.A., C.J. Gantzer, G.R. Sassenrath, eds.): *Soil and Water Conservation: A Celebration of 75 Years*. Ankeny, Iowa: Soil and Water Conservation Society. pp. 255-269.
- Revuelta-Acosta, J.D., D.C. Flanagan, and B.A. Engel. 2021. Improvement of the Water Erosion Prediction Project (WEPP) model for quantifying subsurface drainage flow at field scale. *Agric. Water Manage.* 244: 106597.
- Wang, S., D.C. Flanagan, B.A. Engel, and M.M. McIntosh. 2021. Impacts of subsurface hydrologic conditions on sediment selectivity and sediment transport in rills. *Catena.* 207: 105703.
- McGehee, R.P., D.C. Flanagan, P. Srivastava, B.A. Engel, C. Huang, and M.A. Nearing. 2022. An updated isoerodent map of the conterminous United States. *Intl. Soil and Water Conserv. Res.* 10(1): 1-16.